

PIPE Ø (mm)	250	300	375	450	525	600	675	750	825	900	975	1050	
Bc (mm)	300	400	490	580	670	750	840	930	1020	1100	1190	1280	
	250	30.97	37.62	42.65	47.00	50.78	49.49	46.63	44.09	41.81	39.98	38.09	36.38
	500	17.67	21.80	25.72	29.37	32.77	35.61	38.60	41.41	44.05	47.45	46.09	44.82
	750	9.41	12.08	14.32	16.42	18.39	20.05	21.81	23.48	25.05	26.38	27.80	29.15
	1000	7.20	9.28	11.05	10.59	14.28	15.61	17.03	18.38	19.66	20.75	21.92	23.03
	1500	3.84	4.98	5.96	6.89	7.78	8.54	9.35	10.13	10.88	11.52	12.22	12.88
	2000	2.67	3.48	4.17	4.84	5.49	6.04	6.63	7.21	7.76	8.24	8.76	9.26
	2500	1.96	2.56	3.09	3.59	4.08	4.50	4.95	5.39	5.82	6.19	6.59	6.98
	3000	1.50	1.97	2.37	2.77	3.15	3.48	3.84	4.19	4.53	4.82	5.14	5.46
	3500	1.19	1.56	1.88	2.20	2.51	2.77	3.06	3.35	3.62	3.86	4.13	4.38
	4000	0.96	1.27	1.53	1.79	2.04	2.26	2.50	2.74	2.97	3.17	3.38	3.60
	4500	.80	1.05	1.27	1.48	1.70	1.88	2.08	2.28	2.47	2.64	2.83	3.01
	5000	.67	.88	1.07	1.25	1.43	1.59	1.76	1.93	2.09	2.24	2.40	2.55
	5500	.57	.75	.91	1.07	1.22	1.36	1.51	1.65	1.79	1.92	2.06	2.19
	6000	.49	.65	.79	.92	1.06	1.17	1.30	1.43	1.56	1.66	1.79	1.90
	6500	.43	.57	.69	.81	.92	1.03	1.14	1.25	1.36	1.46	1.56	1.67
	7000	.38	.50	.61	.71	.81	.90	1.01	1.10	1.20	1.29	1.38	1.48
	7500	.33	.44	.54	.63	.72	.80	.89	.98	1.07	1.15	1.23	1.31
	8000	.30	.39	.48	.56	.65	.72	.80	.88	.96	1.03	1.10	1.18
	8500	.27	.35	.43	.51	.58	.65	.72	.79	.86	.92	.99	1.06
	9000	.24	.32	.39	.46	.52	.58	.65	.72	.78	.84	.90	.96
	9500	.22	.29	.35	.42	.48	.53	.59	.65	.71	.76	.82	.87
	10000	.20	.26	.32	.38	.44	.48	.54	.59	.65	.69	.75	.80
PIPE Ø (mm)	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	3000	
Bc (mm)	1450	1630	1800	1980	2160	2330	2510	2680	2860	3030	3210	3560	
	250	33.53	30.96	28.88	26.95	25.27	23.86	22.53	21.41	20.33	19.41	18.52	17.01
	500	42.59	40.46	38.63	36.87	35.27	33.87	32.51	31.32	30.15	29.13	28.12	26.34
	750	31.53	33.82	35.80	37.73	39.49	41.04	42.56	43.89	43.74	42.35	40.96	38.52
	1000	25.00	26.92	28.59	30.22	31.73	33.06	34.37	35.52	36.67	37.68	38.63	36.45
	1500	14.07	15.24	16.27	17.29	18.24	19.08	19.92	20.66	21.40	22.07	22.73	23.93
	2000	10.16	11.06	11.85	12.64	13.38	14.05	14.71	15.31	15.90	16.44	16.98	17.96
	2500	7.69	8.40	9.03	9.66	10.26	10.80	11.34	11.82	12.32	12.76	13.21	14.02
	3000	6.03	6.60	7.11	7.63	8.12	8.57	9.02	9.42	9.83	10.21	10.58	11.27
	3500	4.85	5.33	5.75	6.18	6.60	6.97	7.35	7.69	8.04	8.36	8.68	9.27
	4000	3.99	4.39	4.75	5.11	5.47	5.78	6.11	6.40	6.70	6.98	7.26	7.77
	4500	3.34	3.68	3.99	4.30	4.60	4.88	5.16	5.42	5.68	5.91	6.16	6.61
	5000	2.84	3.13	3.40	3.67	3.93	4.17	4.42	4.64	4.87	5.08	5.30	5.69
	5500	2.44	2.70	2.93	3.17	3.40	3.61	3.82	4.02	4.23	4.41	4.60	4.96
	6000	2.12	2.35	2.55	2.76	2.97	3.15	3.34	3.52	3.70	3.87	4.04	4.36
	6500	1.86	2.06	2.24	2.43	2.61	2.78	2.95	3.11	3.27	3.42	3.57	3.86
	7000	1.65	1.83	1.99	2.16	2.32	2.47	2.62	2.76	2.91	3.04	3.18	3.44
	7500	1.47	1.63	1.77	1.92	2.07	2.21	2.35	2.47	2.61	2.73	2.86	3.09
	8000	1.32	1.46	1.59	1.73	1.86	1.98	2.11	2.23	2.35	2.46	2.58	2.79
	8500	1.19	1.32	1.44	1.56	1.68	1.79	1.91	2.02	2.13	2.23	2.33	2.53
	9000	1.08	1.19	1.30	1.42	1.53	1.63	1.74	1.83	1.94	2.03	2.13	2.31
	9500	.98	1.09	1.19	1.29	1.39	1.49	1.59	1.68	1.77	1.86	1.95	2.11
	10000	.90	1.00	1.09	1.18	1.28	1.36	1.45	1.54	1.62	1.70	1.79	1.94

NOTES

1. WHEEL LOADING AS PER ONTARIO HIGHWAY TRAFFIC ACT

2. IMPACT FACTORS

d) I.3 FOR DEPTH OF COVER LESS THAN OR EQUAL TO 500mm

b) I.2 FOR DEPTH OF COVER GREATER THAN 500mm AND EQUAL TO OR LESS THAN 1000mm

3. Bc= DEPTH OF COVER



STANDARD

LIVE LOADS ON PIPES (KN/M)

EFF. DATE	2002-01-01	SCALE	N.T.S.
REV.		STANDARD No.	2112.050